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Periodical and newspapers as indicated.

NEW CONSTRUCTION MACHINES INCLUDE CONCRETE, MIXERS, BATCHING PLANT

BUILD TEST MODEL, PUT ANOTHER INTO PRODUCTION -- Mekhanizatsiya Stroitel'stva, Dec 50

The Moscow Dormashina Plant of the Ministry of Construction- and Road-Machine Building has built an experimental model of the new S-269 concrete mixer, designed by the ministry's All-Union Scientific Research Institute. Mounted on a ZIS-150 truck, the mixer alone weighs 2,308 kilograms, and measwres $2,890 \times 6,380 \times 2,280$ millimeters. The mixing drum, which has a useful capacity of 1.6 cubic meters, runs from the truck's power take-off. There are two water tanks on the machine, one for mixing concrete, the other for washing out the drum.

The Dormashina Plant has already begun production of the S-224 concrete mixer, which is mounted on a YaAZ-200 truck. The mixing drum is driven by a separate motor, a 30-horsepower GAZ-MK. The drum has a useful capacity of 2.0 cubic meters.

PLANT CAN BE PUT UP, TAKEN DOWN -- Mekhanizatsiya Stroitel'stva, Dec 50

The S-242 batching plant can be taken down and put up again for convenience of transportation. Designed to mix sand, gravel, and cement, it consists of a stand which supports a bunker, divided into sections for the constituent ingredients of the concrete. Outlets from the sections lead to a funnel, which feeds into waiting concrete mixers. Vibrators mounted on the walls of the bunker sections insure an even settling of the ingredients. The cement is carried to the top of the bunker via bucket elevator, the inert ingredients by crane or conveyer.

The sections are equipmed with automatic measuring devices, which apportion their contents according to weight. Each section also has an automatic indicator device, which registers on a central control panel the amount of material it contains.

The plant has a productive capacity of 36 cubic meters of measured portions per hour.

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MACHINE AIDS PAINTERS -- Mekhanizatsiya Stroitel'stva, Dec 50

The Vil'nyus Painting-Apparatus Plant is series producing the new 0-26 vibrator unit, designed for sifting paste and pigments to be used in paints. It consists essentially of a screen-bottomed hopper, to hold the ingredients, and an electric motor, which causes the hopper to vibrate through an eccentric mechanism. Over-all dimensions of the machine are 455 x 195 x 310 millimeters. The hopper has a volume of 1.65 liters, and can be fitted with a bottom screen of either 400 or 900 openings per square centimeter. The motor has a rating of 0.2 kilowatt, at 2,800 revolutions per minute, running at 220/127 volts.

NEW, HEAVIER LOADER SIMILAR TO LIGHTER ONES -- Mekhanizatsiya Stroitel'stva, Dec 50

The Nikopol' Plant imeni Lenin of the Ministry of Construction- and Road-Machine Building has begun series production of the new T-126 portable belt-conveyer loading machine. It is 15 meters long, has a belt width of 400 millimeters, and incorporates the basic elements of the lighter T-80 and T-125 models, including the drums, rollers, and motor. The machine weighs 650 kilograms, and the motor has a rated capacity of 1.5-1.7 kilowatts. A V-shaped support, terminating in a pair of wheels, serves as an aid in moving the machine, and also for adjusting the height of delivery, one end of the frame being raised or lowered as a movable leg of the V is slid along the bottom of the frame toward or away from the other leg.

The T-126 is rated to deliver 30 cubic meters of building material, weighing 1.8-2 tons per cubic meter, to a height of 5.7 meters, in one hour, with belt speed set at one meter per second. On tests it attained a maximum productivity of 35 cubic meters, or 66 tons of sand moved to a height of 5.7 meters in one hour. In moving lighter materials, such as grain and peat, productivity can be increased by boosting the speed of the belt to 1.6-2 meters per second, and higher. This can be done by changing a sprocket of the chain drive.

The performance of the machine on tests was considered satisfactory.

TOOL PLANT PUTS OUT NEW ITEMS -- Moscow, Vechernyaya Moskva, 11 Dec 50

The Electromechanical Tool Plant of the Moscow Trolley Administration has tuned to the production of passenger-elevator aggregates, including the shaft, cabin, and hoist. So far it has completed six of these aggregates, and it plans to put out a total of 12 by the end of the year.

MAKE OWN DIE -- Moscow, Vechernyaya Moskva, 2 Nov 50

The Moscow Krasnyy Blok Plant, under Director Pshenichnikov, has added the production of elevators for high buildings to its program. For the manufacture of certain parts for the doors, the plant built its own die, weighing 3 tons which was used in a press of 315-ton capacity.

FIRST ITEMS OF NEW PRODUCTION APPEAR -- Moscow, Moskovskaya Pravda, 9 Dec 50

The Moscow Pod'yemnik Plant has put out the first seven of the high-speed passenger elevators which it has undertaken to produce for high buildings in the capital. Ten more of these elevators will be completed during December.

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NEW DRILLING MACHINE IS SERIES PRODUCED -- Tashkent, Pravda Vostoka, 10 Dec 50

The Sverdlovsk Machine-Building Plant imeni Vorovskiy has begun series production of the ZIV-150 drilling machine. The first consignment of these has already been shipped to geological expeditions on the Main Turkmen Canal.

REACH 5-YEAR GOALS -- Moscow, Komsomolskaya Pravda, 9 Dec 50

The Irkutsk Heavy-Machine Fuilding Plant, which makes bunker shutoff devices and spare parts for tractors, has over 1,000 workers who have met their 5-year quotas.

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